

IN THE CLAIMS

Please cancel Claims 36, 38, and 40, without prejudice or disclaimer of subject matter.

Please amend Claims 32, 34, 37, and 39, as indicated below. The following is a complete listing of claims and replaces all prior versions and listings of claims in the present application:

1.-31. (Canceled)

32. (Currently Amended) A color facsimile apparatus comprising:

a reading ~~means for~~ unit constructed to read[[ing]] an image;

a generating ~~means for~~ unit constructed to generate[[ing]] a plurality of line image data representing the image;

a line buffering ~~means for~~ unit constructed to store[[ing]] at least a portion of plurality of the line image data generated by said generating unit ~~means~~ in a buffer;

a header buffer unit constructed to buffer a character code set;

an expansion unit constructed to expand the character code set into an expanded character code set;

a conversion unit constructed to convert the expanded character code set to a converted character code set equivalent to a number of lines of a minimum coded unit for JPEG compression processing;

~~an extracting means for unit constructed to sequentially extracting,~~
~~as a minimum coded unit for JPEG compression processing, a number~~ an amount of the
line image data equivalent to the number of lines of the minimum coded unit for JPEG
compression processing from the line buffer ~~before the buffer is filled with the image data~~
~~generated by said generating means~~ unit;

an overwriting means for unit constructed to overwrite[[ing]]
transmission information of image data for a page header or page footer in [[the]] at least
one respective line ~~unit~~ of extracted image data extracted by said extracting ~~means~~ unit
with the converted character code set when the at least one respective line ~~unit~~ of the
extracted image data is ~~a unit of the extracted~~ image data corresponding to a header portion
or footer portion in the image;

compressing means for unit constructed to sequentially
execute[[ing]] JPEG compression processing for each minimum coded unit of the extracted
image data including the minimum coded unit of the extracted image data in which the
transmission information is overwritten;

a storing means for unit constructed to store[[ing]] compressed data
output by said compressing ~~means~~ unit in a memory; and

a transmitting means for unit constructed to transmit[[ting]] a JPEG
image data based on the compressed data stored in the memory,

wherein the JPEG image data includes the compressed data of the
transmission information.

34. (Currently Amended) A color facsimile apparatus according to claim 32, further comprising ~~a determining means for~~ unit constructed to determine[[ing]] whether the ~~unit~~ amount of the line image data of the extracted image data is the ~~unit~~ amount of the line image data of the extracted image data corresponding to a header portion or footer portion in the image, and

wherein said overwriting ~~means~~ unit overwrites the transmission information in the ~~unit~~ amount of line image data of the extracted data according to a determination of said determining ~~means~~ unit.

35. (Previously Presented) A color facsimile apparatus according to claim 32, wherein the transmission information indicates at least one of a date, a time, and a number of pages.

36. (Canceled).

37. (Currently Amended) A controlling method of a color facsimile apparatus comprising the steps of:

using a computer to perform the following:

reading an image;

generating a plurality of line image data representing the image;

storing at least a portion of the plurality of the line image data

generated in said generating step in a buffer;

buffering a character code set;

expanding the character code set into an expanded character code set;

converting the expanded character code set to a converted character code set equivalent to a number of lines of a minimum coded unit for JPEG compression processing;

sequentially extracting, as a minimum coded processing unit for JPEG compression processing, an amount of the line image data equivalent to the number of lines of the minimum coded unit for JPEG compression processing from the buffer before the buffer is filled with the image data generated in said generating step line buffer unit;

overwriting transmission information of image data for a page header or page footer in the unit at least one respective line of extracted image data extracted in said extracting step with the converted character code set when the unit at least one respective line of the extracted image data is a unit of the extracted image data corresponding to a header portion or footer portion in the image;

sequentially executing JPEG compression processing for each minimum coded unit of the extracted image data including the minimum coded unit of the extracted image data in which the transmission information is overwritten;

storing compressed data in a memory; and
transmitting a JPEG image data based on the compressed data stored in the memory,

wherein the JPEG image data includes the compressed data of the transmission information.

38. (Canceled)

39. (Currently Amended) A storage medium storing a program for causing a computer to function as the following ~~means~~ unit in a color facsimile apparatus:

a reading ~~means~~ unit for reading an image;

a generating ~~means~~ unit for generating a plurality of line image data representing the image;

a line buffering ~~means~~ unit for storing at least a portion of the plurality of the line image data generated by said generating ~~means~~ in a buffer unit;

a header buffer unit for buffering a character code set;

an expansion unit for expanding the character code set into an expanded character code set;

a conversion unit for converting the expanded character code set to a converted character code set equivalent to a number of lines of a minimum coded unit for JPEG compression processing;

an extracting ~~means~~ unit for sequentially extracting, ~~as a minimum coded unit for JPEG compression processing,~~ an amount of the line image data equivalent to the number of lines of the minimum coded unit for JPEG compression processing from the line buffer ~~before the buffer is filled with the image data generated by said generating means unit~~;

an overwriting ~~means~~ unit for overwriting transmission information of image data for a page header or page footer in ~~[[the]]~~ at least one respective line unit of extracted image data extracted by said extracting ~~means~~ unit with the converted character

code set when the at least one respective line ~~unit~~ of the extracted image data is ~~a unit of~~
the ~~extracted~~ image data corresponding to a header portion or footer portion;

a compressing ~~means~~ unit for sequentially executing JPEG
compression processing for each minimum coded unit of the extracted image data
including the minimum coded unit of the extracted image data in which the transmission
information is overwritten;

a storing ~~means~~ unit for storing compressed data by said
compressing unit ~~means~~ in a memory; and

a transmitting ~~means~~ unit for transmitting a JPEG image data based
on the compressed data stored in the memory,

wherein the JPEG image data includes the compressed data of the
transmission information.

40. (Canceled).